

DATE OF PREP: 10/31/88

IPL ÷ 20001

## SECTION I

MANUFACTURERS NAME:  
AKZO COATINGS INC.  
AEROSPACE FINISHES  
STREET ADDRESS:  
434 WEST MEATS AVE.  
ORANGE, CA 92665

The California Safe Drinking Water and Toxic Act of 1986, Proposition 65, requires that potentially exposed individuals be informed of the presence of a chemical that has been determined to cause cancer or reproductive harm. As part of Akzo Coatings' responsibility under this law such notice is hereby given

EMERGENCY TELEPHONE NO.:  
(313) 589-3660  
(8:00AM-4:45PM EASTERN TIME ZONE)  
(313) 855-7313  
(AFTER HOURS)

MANUFACTURERS CODE IDENTIFICATION:  
TL 14

TRADE NAME:  
LACQUER THINNER RULE 66

## SECTION II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS: | C.A.S. NO. | * PCT * | * BY WT * | * TLV *  |           | * PEL * |         | * VAPOR PRESS |
|------------------------|------------|---------|-----------|----------|-----------|---------|---------|---------------|
|                        |            |         |           | * PPM    | * MG/M3   | * PPM   | * MG/M3 |               |
| BUTYL ACETATE          | 123-86-4   | *10-25* |           | * 150.00 | * 710.00* | 150.00  | 710.00* | 8.0           |
| ESTER SOLVENT          |            | * * *   |           | * *      | * *       |         | * *     |               |
| N-BUTYL ALCOHOL        | 71-36-3    | * 5-20* | SKIN      | * 50.00  | * 150.00* | 100.00  | 300.00* | 4.4           |
| N-BUTANOL              |            | * * *   |           | * *      | * *       |         | * *     |               |
| ISOPROPYL ALCOHOL      | 67-63-0    | * 5-20* |           | * 400.00 | * 980.00* | 400.00  | 980.00* | 33.0          |
| ISOPROPANOL            |            | * * *   |           | * *      | * *       |         | * *     |               |
| METHYL ETHYL KETONE    | 78-93-3    | *55-70* |           | * 200.00 | * 590.00* | 200.00  | 590.00* | 70.0          |
| MEK                    |            | * * *   |           | * *      | * *       |         | * *     |               |
| TOLUENE                | 108-88-3   | *15-30* |           | * 100.00 | * 375.00* | 200.00  | -----*  | 22.0          |
| TOLUOL                 |            | * * *   |           | * *      | * *       |         | * *     |               |

## SECTION III - PHYSICAL DATA

BOILING RANGE:  
175 - 262 DEG. F

VAPOR DENSITY VS. AIR:  
HEAVIER THAN AIR

EVAPORATION RATE VS. ETHER:  
SLOWER

PERCENT VOLATILE BY VOLUME:  
100.0

WEIGHT PER GALLON:  
6.85 LBS.

Maximum Mixed VOC: See Base  
(grams/liter)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                                     |              |          |
|-------------------------------------|--------------|----------|
| CATEGORY:                           | FLASH POINT: | LEL: 1.2 |
| PAINT,<br>FLAMMABLE LIQUID, UN-1263 | 34F TCC      |          |

OSHA CLASSIFICATION:  
FLAMMABLE LIQUID - CLASS IB

EXTINGUISHING MEDIA:  
FOAM, CARBON DIOXIDE, DRY CHEMICALS

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVER EXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

SPECIAL FIRE FIGHTING PROCEDURES:  
WATER MAY BE INEFFECTIVE. WATER SHOULD BE USED TO COOL CONTAINERS EXPOSED TO FIRE. FIRE FIGHTING PERSONNEL SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

SECTION V - REACTIVITY DATA

STABILITY:  
STABLE

INCOMPATIBILITY (MATERIALS TO AVOID):  
NONE REASONABLY FORESEEABLE.

HAZARDOUS DECOMPOSITION PRODUCTS:  
CARBON MONOXIDE, CARBON DIOXIDE, SMOKE, OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION:  
WILL NOT OCCUR

CONDITIONS TO AVOID:  
NOT APPLICABLE

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY.  
 SKIN CONTACT: WASH WITH SOAP & WATER.  
 EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, CONSULT A PHYSICIAN.  
 INGESTION: DRINK ONE OR TWO GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING.  
 CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.  
 MEDICAL CONDITIONS PRONE TO AGGRAVATION: NONE EXPECTED

THE FOLLOWING HAZARDS HAVE BEEN REPORTED TO BE ASSOCIATED WITH THE INDIVIDUAL COMPONENTS OF THIS PRODUCT. THESE HAZARDS MAY NOT ALL BE ASSOCIATED WITH THE FINISHED PRODUCT.

ACUTE:

EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, AND EVEN ASPHYXIATION.  
 EYE CONTACT MAY CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION, AND A SENSATION OF SEEING HALOS AROUND LIGHTS.  
 PROLONGED CONTACT WITH THE SKIN MAY LEAD TO EXTRACTION OF NATURAL OILS WITH RESULTANT MILD IRRITATION.  
 IF SWALLOWED, CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.  
 ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.  
 EYE IRRITANT, CONTACT MAY CAUSE EYE BURNS OR CORNEAL INJURY.  
 SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

NOTICE: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAYBE HARMFUL OR FATAL. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

CHRONIC:

OVEREXPOSURE HAS BEEN SUGGESTED AS THE CAUSE FOR EYE DAMAGE IN HUMANS.  
 REPEATED OVEREXPOSURE MAY RESULT IN DELAYED KIDNEY INJURY.  
 HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS AND VAPORS OF PETROLEUM PRODUCTS SHOULD BE MINIMIZED.  
 OVEREXPOSURE TO MATERIAL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: LIVER ABNORMALITIES.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
 REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS IV., V., VI., VIII. AND IX.  
 REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE  
 WITH INERT ABSORBENT.

WASTE DISPOSAL METHOD:

INCINERATE IN AN APPROVED FACILITY, DO NOT INCINERATE CLOSED CONTAINERS. DISPOSE  
 OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL POLLUTION CONTROL REQUIREMENTS.

SECTION VIII - SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION:

ADEQUATE VENTILATION IS REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR DEVICE.  
 SEE YOUR SAFETY EQUIPMENT SUPPLIER FOR EVALUATION AND RECOMMENDATION.  
 IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIRLINE RESPIRATOR OR HOOD.

VENTILATION:

PROVIDE SUFFICIENT VENTILATION TO KEEP VAPOR CONCENTRATION BELOW THE GIVEN TLV  
 AND LEL. FOR BAKING FINISHES, EXHAUST VAPORS EMITTED ON HEATING. REMOVE  
 DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED  
 WITH THIS PRODUCT.

PROTECTIVE GLOVES:

REQUIRED FOR PROLONGED OR REPEATED CONTACT. REFER TO SAFETY EQUIPMENT SUPPLIER  
 FOR EFFECTIVE GLOVE RECOMMENDATIONS.

EYE PROTECTION:

USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:

EYE BATH AND SHOWER SHOULD BE AVAILABLE. USE CHEMICAL RESISTANT APRON, BOOTS OR  
 OTHER CLOTHING IF NEEDED TO AVOID REPEATED OR FREQUENT SKIN CONTACT. LIQUID MAY  
 PENETRATE SHOES AND LEATHER CAUSING DELAYED IRRITATION.

HYGIENIC PRACTICES:

WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE CONTAINERS OUT OF SUN AND AWAY FROM HEAT, SPARKS AND OPEN FLAMES. CLOSE  
 CONTAINERS AFTER EACH USE. CONSULT N.F.P.A. CODE FOR ADDITIONAL STORAGE  
 REQUIREMENTS.

OTHER PRECAUTIONS:

DO NOT TAKE INTERNALLY. USE APPROVED BONDING AND GROUNDING PROCEDURES. OBSERVE  
 LABEL PRECAUTIONS. KEEP CLOSURES TIGHT AND CONTAINER UPRIGHT TO PREVENT  
 LEAKAGE. NEVER USE PRESSURE TO EMPTY - DRUM IS NOT A PRESSURE VESSEL. AVOID  
 BREATHING SANDING DUST. DO NOT WELD OR FLAME CUT AN EMPTY DRUM. DO NOT HANDLE  
 UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

APPROVED BY RAW MATERIAL & FORMULA INFORMATION DEPARTMENT

Signature: 

DATE: 9/01/87

FORMULA DATE 2/24/88

THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT  
 TO THE BEST KNOWLEDGE OF AKZO COATINGS AMERICA. THE DATA ON THIS SHEET RELIES ON  
 SPECIFIC MATERIAL DESIGNATED HEREIN. AKZO COATINGS AMERICA ASSUMES NO LEGAL RESPONSIBILITY

SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT, TL 14, CONTAINS THE FOLLOWING TOXIC CHEMICALS  
SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND  
AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372.

CAS # CHEMICAL NAME

% BY WEIGHT

THIS INFORMATION MUST REMAIN ATTACHED TO THE PRODUCT MSDS AND MUST BE  
INCLUDED AND DISTRIBUTED WITH ANY COPY OF THE MSDS.

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